

PHOTOSENSITIVE COMPOSITION

Patent number: JP2096755
Publication date: 1990-04-09
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KOBAYASHI YOSHIKO
Applicant: KONISHIROKU PHOTO IND;; MITSUBISHI CHEM IND
Classification:
- **international:** G03F7/004; G03F7/023
- **europen:**
Application number: JP19880249398 19881003
Priority number(s): JP19880249398 19881003

Abstract of JP2096755

PURPOSE: To obtain a photosensitive compsn. having superior capacity for forming visible picture by exposure, as well as superior under developability and high sensitivity by constituting the compsn. of 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd. an alkali soluble resin, a halomethyl oxadiazole compd., as a discoloring agent. **CONSTITUTION:** The title compsn. contains 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd., the alkali-soluble resin, the halomethyl oxadiazole compd. which generates free halogen radicals by irradiating with active light rays, and a discoloring agent which changes its tone by the interaction with a photolysis of the halomethyl oxadiazole compd. Suitable alkali-soluble resin is particularly novolak resin and vinyl polymer having structure units having phenolic OH groups in the molecule. A photosensitive planographic printing plate having superior capacity for forming visible picture by exposure, superior under developability, as well as high sensitivity, is obtd. from the above-described compsn.

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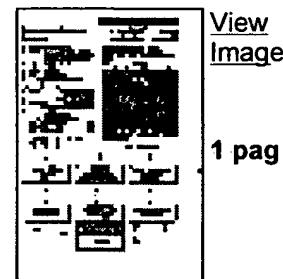
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Get Now: PDF | [More choices...](#)Tools: Add to Work File: Create new Work File AddView: INPADOC | Jump to: [Top](#) Go to: [Derwent](#)[Email this to a friend](#)**>Title: JP02096755A2: PHOTOSENSITIVE COMPOSITION**

Derwent Title: Photosensitive compsn. for lithographic plates - contg. 1,2-naphthoquinone-2-diazo-4-sulphonic acid, alkali-soluble resin, dye, and halo-methyl oxadiazole [\[Derwent Record\]](#)

Country: JP Japan**Kind:** A

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Priority Number: 1988-10-03 JP1988000249398

Abstract: PURPOSE: To obtain a photosensitive compsn. having superior capacity for forming visible picture by exposure, as well as superior under developability and high sensitivity by constituting the compsn. of 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd. an alkali soluble resin, a halomethyl oxadiazole compd., as a discoloring agent.

CONSTITUTION: The title compsn. contains 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd., the alkali-soluble resin, the halomethyl oxadiazole compd. which generates free halogen radicals by irradiating with active light rays, and a discoloring agent which changes its tone by the interaction with a photolysis of the halomethyl oxadiazole compd. Suitable alkali-soluble resin is particularly novolak resin and vinyl polymer having structure units having phenolic OH groups in the molecule. A photosensitive planographic printing plate having superior capacity for forming visible picture by exposure, superior under developability, as well as high sensitivity, is obtd. from the above-described compsn.

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Legal Status: None
Designated Country: DE FR GB

Family:	PDF	Publication	Pub. Date	Filed	Title
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<input checked="" type="checkbox"/>	U.S. 5,970,000	1993-06-15	1992-03-24	Photosensitive composition containing 1,2-naphthoquinone-2-diazido-4-sulfonic acid ester, alkali-soluble resin, halomethyloxadiazole compound and a dye
<input checked="" type="checkbox"/>	JP02096759A2	1990-04-09	1988-10-04	PHOTOSENSITIVE PLANOGRAPHIC PRINTING PLATE
<input checked="" type="checkbox"/>	JP02096755A2	1990-04-09	1988-10-03	PHOTOSENSITIVE COMPOSITION
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<input checked="" type="checkbox"/>	CA2000111AA	1990-04-03	1989-10-03	PHOTOSENSITIVE COMPOSITION

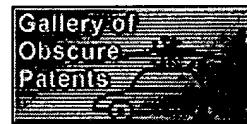
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Other Abstract

Info:



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